PATENT

CERTIFICATE OF EXPRESS MAILING

I hereby certify that on 2-23-64, this paper (along with any paper referred to as being attached or enclosed) is being transmitted via express mail label no. EV 308812105 US to: Commissioner of Patents, Alexandria, VA 22313-1450.

Shauna Murray

Inventor:

Chang

Serial No.:

09/826,025 04/04/2001

Filing Date: Title:

COMBINATION

IMMUNOGENE THERAPY

— Examiner:

Falk

Group Art Unit:

1632

Atty Docket No.: 14354-40

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEY

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Assignee of the entire interest of the application hereby revokes all previous powers of attorney and appoints:

Canter, B., Reg. 34,792 Cullman, L.C., Reg. 39,645 Heyninck, M., Reg. 44,763 Kirsch, Kevin W., Reg. 53,136 O'Connor, Edward F. Reg. 25,903 Swienton, B., Reg. 49,030 Weir, Jan P., Reg. 43,253

whose address is:

Stradling Yocca Carlson & Rauth

660 Newport Center Drive, Suite 1600 Newport Beach, CA 92660 ATTN: Louis C. Cullman Telephone 949-725-4000

Facsimile 949-725-4100

Applicant: Chang Serial No.: 09/826,025 Group Art Unit: 1632 PATENT Docket No. 14354-40

as their attorneys to prosecute said application and to transact in connection therewith all business in the U.S. Patent and Trademark Office and before competent International authorities.

| Date: | | |
|-------|----------------|--|
| | Gary L. Dreher | |
| | President | |
| | Amdl, Inc. | |

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents,

Washington, D.C. 20231 on

COMMUNICATION Patent Application Docket No. CNG-100 Serial No. 08/838,702

Doran R. Pace, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit

1815

Applicant(s) :

Lung-Ji Chang

Serial No.

08/838,702

Filed

April 9, 1997

For

Combination of Immunogene Therapy

Assistant Commissioner for Patents

Washington, D.C. 20231

COMMUNICATION

Sir:

Attached hereto please find a Revocation of Power of Attorney and New Power of Attorney in the application identified above.

Respectfully submitted,

Doran R. Pace

Patent Attorney

Registration No. 38,261

Phone No.:

352-375-8100

Fax No.:

352-372-5800

Address:

2421 NW 41street, Suite A-1

Gainesville, FL 32606-6669

DRP/clr

Attachment: Revocation of Power of Attorney and New Power of Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit

1815

Applicant(s)

Lung-Ji Chang

Serial No.

08/838,702

Filed

April 9, 1997

For

Combination of Immunogene Therapy

Assistant Commissioner for Patents Washington, D.C. 20231

REVOCATION OF POWER OF ATTORNEY AND NEW POWER OF ATTORNEY

Lung-Ji Chang, owner of the entire right, title and interest in, to and under the above-identified United States Letters Patent, hereby revokes any Power of Attorney given prior to November 24, 1997, and hereby appoints the following persons registered to practice before the Patent and Trademark Office as his attorneys with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: Roman Saliwanchik, Reg. No. 21,023; David R. Saliwanchik, Reg. No. 31,794; Jeff Lloyd, Reg. No. 35,589; Doran R. Pace, Reg. No. 38,261; Christine Q. McLeod, Reg. No. 36,213; Jean Kyle, Reg. No. 36,987; Jay M. Sanders, Reg. No. 39,355; and James S. Parker, Reg. No. 40,119.

He requests that all correspondence be sent to:

Doran R. Pace
Saliwanchik, Lloyd & Saliwanchik
2421 N.W. 41st Street
Suite A-1
Gainesville, FL 32606
Phone No.: 352-375-8100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or of any patent issuing thereon.

Date:

Signature:

Lung-Ji Chang

PATENT :Attorney Docket No.: CHANG-02687

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below-named inventor, I hereby declare that:

Full Name of Sale or First Inventor: Lung-li Chang

My residence, post office address and citizenship are as stated next to my name. I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Combination Immunogene Therapy, the specification of which was filed on 04/09/97 as Application Serial No. 08/838,702. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

| As a named inventor, I | hereby appoint the fi | irm of MEDLEN & CARRO | LL, LLP, a firm | comprised of: | |
|------------------------|-----------------------|-----------------------|-----------------|---------------------|--------|
| Virginia S. Medlen | 32,050 | Peter G. Carroll | 32,837 | Kamrin T. MacKnight | 38,230 |

as my attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Please direct all correspondence and telephone calls regarding this application to:

Kamrin T. MacKnight

MEDLEN & CARROLL, LLP

220 Montgomery Street, Suite 2200

San Francisco, California 94104

Telephone: 415/705-8410
Facsimile: 415/397-8338

| full (value of 501c of first inventor. Dung-of Chang | |
|--|--|
| Inventor's Signature: | Date: Cct. 6. 1997 |
| Residence: 3102 NW 57th Terrace, Gainesville, Florida 32606-6939 | Citizenship: Taiwan, Republic of China |
| Post Office Address: 3102 NW 57th Terrace Gainesville Florida 32606-6939 | |

CERTIFICATE OF MAILING

Applicant:

Lung-Ji Chang

Application No.: 09/826,025

Filing Date:

04/04/2001

Title:

Combination Immunogene Therapy

Examiner:

Unknown

Group Art Unit:

1632

Docket No.:

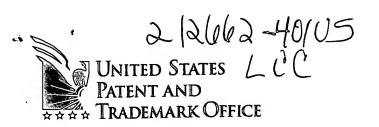
212662.40

I hereby certify that on April 02, 2002, the enclosed Recordation for Cover Sheet PATENTS ONLY (plus one copy), along with the original signed Assignment, and a postage paid return receipt post card, was deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents, Box Assignments, Washington, DC 20231.

Linda Simpson

Date: April 02, 2001

OC: 149367 v01 04/02/2002



JUNE 17, 2002

PTAS

Chief Information Officer Washington, DC 20231 www.uspto.gov

OPPENHEIMER WOLFF & DONNELLY LLP LOUIS C. CULLMAN 840 NEWPORT CENTER DRIVE NEWPORT BEACH, CA 92660



102062516A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/11/2002

REEL/FRAME: 012800/0655

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHANG, LUNG-JI

DOC DATE: 02/24/2002

ASSIGNEE:

AMDL, INC.

SUITE 2492 WALNUT AVENUE TUSTIN, CALIFORNIA 92780

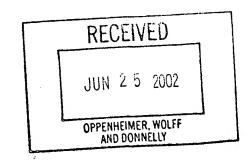
SERIAL NUMBER: 09826025

PATENT NUMBER:

FILING DATE: 04/04/2001

ISSUE DATE:

THERESA FREDERICK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



| Form PTO-1595 (Rev. 03/01) | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | | | |
|--|--|--|--|--|--|
| OMB No. 0651-0027 (exp. 5/31/2002) To the Commissioner for Patents: Please record the attached original docume | 062516 | | | | |
| To the Commissioner for Patents: Please record the attached original docume | 2. Name and address of receiving party(ies) | | | | |
| 1. Name of conveying party(ies): | 2. Italic and address of receiving party(ies) | | | | |
| Lung-Ji Chang $\psi - 11 - 05$ | Name AMDL, Inc. | | | | |
| Additional name(s) of conveying party(ies) attached? | Internal Address: Suite 100 | | | | |
| SZNa SZNa | Street Address: 2492 Walnut Avenue | | | | |
| YesNo | City: Tustin State: CA ZIP 92780 | | | | |
| | Additional name(s) and address(es) attached? Yes \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | |
| 3. Nature of conveyance: | | | | | |
| Assignment Merger | FICE OF STATE RECORDS TO THE THANKE SECTION FINANCE SECTION | | | | |
| Security Agreement Change of Name | 五 · · · · · · · · · · · · · · · · · · · | | | | |
| Other | | | | | |
| Execution Date: February 24, 2002 | CRECOT PH 7: | | | | |
| 4. Application number(s) or patent numbers: | 2 3 5 | | | | |
| If this document is being filed together with a new application, the | | | | | |
| A. Patent Application No.(s) 09/826,025 | B. Patent No.(s) | | | | |
| Additional numbers attached? | | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | | | |
| Name: Louis C. Cullman Oppenheimer Wolff & Donnelly LLP Internal Address: Suite 700 Street Address 840 Newport Center Drive City: Newport Beach State: CA ZIP: 926 | 60 | | | | |
| | 7. Total fee (37 CFR 3.41) 40.00 | | | | |
| | . Enclosed | | | | |
| | Authorized to be charged to deposit account | | | | |
| | 8. Deposit Account number: | | | | |
| 2 | 50-1901 | | | | |
| | (Attach duplicate copy of this page if paying by deposit account) | | | | |
| do not use this space | | | | | |
| 9. Statement and signature | | | | | |
| To the best of polyknowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | | |
| 1 (elleman) 4/2-102 | | | | | |
| Louis C. Cultiman Date | | | | | |
| Total number of pages including cover sheet, attachments, and documents: 4 | | | | | |
| Mail documents to be recorr | led with required cover sheet information to: | | | | |

04/22/200% TDIAZ1 00000037 501901 09826025

Commissioner for Patents, Box Assignments Washington, D.C. 20231

01 FC:581

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ASSIGNMENT

WHEREAS, I, Lung-Ji Chang, the ASSIGNOR herein, has invented certain new and useful improvements disclosed in an application for United States Letters Patent titled Combination Immunogene Therapy, filed April 4, 2001, with serial number 09/826,025; and

WHEREAS, AMDL, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 2492 Walnut Avenue, Suite 100, Tustin, California 92780, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to me paid, and other valuable consideration, the receipt and legal sufficiency all of which is hereby acknowledged, I, the said ASSIGNOR, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I do hereby agree that I will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

DATED at Gainesville Florida, this 24 day of February, 2002.

Lung-Ji Chang

3102 N.W. 57th Terrace Gainesville, FL 32606

CERTIFICATE OF MAILING

I hereby certify that on 3-4-2002, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner of Patents, Washington, DC 20231.

37 C.F.R. § 1.8(a) ⊠with sufficient postage ☐as "Express Mail Post Office to

37 C.F.R. § 1.10

as first class mail

Addressee" Mailing Label No.

Inventor: Chang

09/826,025 Serial No.: 04/04/2001 Filing Date:

Title: COMBINATION

IMMUNOGENE THERAPY

PATENT

Examining Atty:

Unknown

Group Art Unit:

1632

Atty Docket No.:

212662.40

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEY

Commissioner of Patents Washington, D.C. 20231

Sir:

Applicant hereby revokes all previous powers of attorney and appoints:

Berman, C., Reg. 29,249 Bobys, M.P., Reg. 45,267 Bosworth, M.K., Reg. 28,186 Bovasso, L.J., Reg. 24,075 Boyce, J., Reg. 40,920 Brown, M.E., Reg. 28,590 Burton, D.L., Reg. 45,323 Canter, B., Reg. 34,792 Chen, A., Reg. 48,508 Chou, C., Reg. 41,672 Coleman, B.R., Reg. 39,145 Cullman, L.C., Reg. 39,645 Darrow, C., Reg. 30,166 Diepenbrock III, A.B., Reg. 39,960 Edwards, W.G., Reg. 44,426 Farber, M., Reg. 32,612

Guernsey, L.B., Reg. 40,008 Kudla, J.P., Reg. 47,724 Larson, D.N., Reg. 29,401 Guillot, R.O., Reg. 28,852 Hamrick, C.A.S., Reg. 22,586 Hansen, S., Reg. 38,486 Harris, M.D., Reg. 26,690 Hayden, R.D., Reg. 42,645 Heyninck, M., Reg. 44,763 Hickman, P.L., Reg. 28,516 Hilberg, C.R., Reg. 48,740 Hughes, M.J., Reg. 29,077 Inskeep, J.W., Reg. 33,910 Kennedy, B., Reg. 33,407 Khan, T., Reg. 46,273 Lazaris, S.J., Reg. 45,981

Lervick, C.J., Reg. 35,244 Lieske, S.C., Reg. 47,749 MacLean, K.A., Reg. 31,118 Maddux, M.M., Reg. 50,962 McKinley, D., Reg. 42,867 Morton, C.A., Reg. 44,954 Nader, R., Reg. 47,260 Roberts, R.E., Reg. 38,597 Rose, A.C., Reg. 17,047 Rosenberg, C., Reg. 31,464 Sherry, L., Reg. 43,918 Smith, G.P., Reg. 20,142 Swienton, B., Reg. 49,030 Valencia, R, Reg. 43,216 Wood, G.B., Reg. 28,133 Wrigley, B.A., Reg. No. 34,950

whose address is:

OPPENHEIMER WOLFF & DONNELLY LLP 840 Newport Center Drive, Suite 700 Newport Beach, CA 92660 ATTN: Louis C. Cullman Telephone 949.823.6000 Facsimile 949.823.6100

as their attorneys to prosecute said application and to transact in connection therewith all business in the U.S. Patent and Trademark Office and before competent International authorities.

Date: 2/24/02

Lung-Ji Chang

PATENT

CERTIFICATE OF MAILING

I hereby certify that on <u>5-7-02</u>, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

Trudi Thompson

Inventor: Chang

Serial No.: 09/826,025 Filing Date: 04/04/2001

Title: COMBINATION

IMMUNOGENE THERAPY

Examining Atty: Unk

Unknown

Group Art Unit:

1632

Atty Docket No.:

212662.40

In THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUBMISSION OF POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 1.32

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Attached hereto is the executed Power of Attorney By Assignee for the above-identified application. The Power of Attorney was not submitted with the Assignment mailed on April 2, 2002. Applicant respectfully requests that the Power be accepted without the Assignment.

It is believed that no fees are due in connection with this submission. If fees are due, the Commissioner is authorized to charge Deposit Account 50-1901.

Respectfully submitted.

May <u>7</u>, 2002

Louis C. Cullman

Registration No. 39,645

OPPENHEIMER WOLFF & DONNELLY LLP 840 Newport Center Drive, Suite 700

Newport Beach, CA 92660-7007

Telephone: (949) 823-6000 Facsimile: (949) 823-6100

| CERTIFICA | ATE OF MAILING | | | |
|---|--|--|--|--|
| I hereby certify that on 6/1/b3 this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner for Patents, Washington, DC 20231. | | | | |
| 37 C.F.R. § 1.8(a) ⊠with sufficient postage as first class mail | 37 C.F.R. § 1.10 as "Express Mail Post Office to Addressee" Mailing Label No. | | | |
| Sud Thompson | | | | |
| Trudi Thompson | | | | |

Inventor: Chang
Serial No.: 09/826,025
Filing Date: 04/04/2001
Title: COMBINATION

IMMUNOGENE

Examining Atty: Unknown
Group Art Unit: 1632

Atty Docket No.: 212662.40

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 1.32

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

AMDL, Inc., having become the owner of all rights in and to the above-identified application by virtue of an Assignment executed by the inventors, said Assignment being submitted concurrently herewith for recording, hereby appoint the following as the attorneys of record with full power of substitution and revocation, to transact all business in the Patent and Trademark Office and before competent International Authorities connected with above-referenced patent or patent application; said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 1.12:

Berman, C., Reg. 29,249 Bobys, M.P., Reg. 45,267 Bosworth, M.K., Reg. 28,186 Bovasso, L.J., Reg. 24,075 Boyce, J., Reg. 40,920 Brown, M.E., Reg. 28,590 Burton, D.L., Reg. 45,323 Canter, B., Reg. 34,792 Chen, A., Reg. 48,508 Chou, C., Reg. 41,672 Coleman, B.R., Reg. 39,145 Cullman, L.C., Reg. 39,645 Darrow, C., Reg. 30,166 Diepenbrock III, A.B., Reg. 39,960 Edwards, W.G., Reg. 44,426 Farber, M., Reg. 32,612

Guernsey, L.B., Reg. 40,008 Kudla, J.P., Reg. 47,724 Larson, D.N., Reg. 29,401 Guillot, R.O., Reg. 28,852 Hamrick, C.A.S., Reg. 22,586 Hansen, S., Reg. 38,486 Hayden, R.D., Reg. 42,645 Harris, M.D., Reg. 26,690 Heyninck, M., Reg. 44,763 Hickman, P.L., Reg. 28,516 Hilberg, C.R., Reg. 48,740 Hughes, M.J., Reg. 29,077 Inskeep, J.W., Reg. 33,910 Kennedy, B., Reg. 33,407 Khan, T., Reg. 46,273 Lazaris, S.J., Reg. 45,981

Lervick, C.J., Reg. 35,244 Lieske, S.C., Reg. 47,749 MacLean, K.A., Reg. 31,118 Maddux, M.M., Reg. 50,962 McKinley, D., Reg. 42,867 Morton, C.A., Reg. 44,954 Nader, R., Reg. 47,260 Roberts, R.E., Reg. 38,597 Rose, A.C., Reg. 17,047 Rosenberg, C., Reg. 31,464 Sherry, L., Reg. 43,918 Smith, G.P., Reg. 20,142 Swienton, B., Reg. 49,030 Valencia, R, Reg. 43,216 Wood, G.B., Reg. 28,133 Wrigley, B.A., Reg. No. 34,950

whose address is:

OPPENHEIMER WOLFF & DONNELLY LLP

840 Newport Center Drive, Suite 700

Newport Beach, CA 92660 Attn: Louis C. Cullman

Telephone: 949.823.6000

Facsimile: 949.823.6100

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the

assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the

assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that

all statements made on information and belief are believed to be true; and further, that these

statements are made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States

Code, and that such willful false statements may jeopardize the validity of the application or any

patent issuing thereon.

AMDL, Inc.

Dated: 3/6/02

Gary L. Drøher

President